

Wind Turbine Electric Systems

Frequently Asked Questions

1. How do I know if I qualify for a grant?

If you live in Delaware and pay an electric bill to Delmarva Power, Delaware Electric Cooperative or any Municipality excluding New Castle you are eligible for a Green Energy Program Grant.

2. Which Green Energy Program do I qualify for?

Since each utility has a Green Energy Program for its customers you qualify for the one that you pay your electric bill too. For example if you pay your electric bill to Delmarva Power you qualify for its program. If you pay your electric bill to Delaware Electric Cooperative then you qualify for its program. All programs are managed by the Delaware Energy Office. If you have any questions call (302) 735-3480 first.

3. What Wind Turbines qualify for a grant in the Green Energy Program?

The Green Energy Program accepts applications for wind turbines that do not exceed \$5 per installed watt.

All qualifying grid-connected systems must comply with the Institute of Electrical and Electronic Engineers Standards Board (IEEE) 929, Recommended Practice for Utility Interface of Photovoltaic (PV) Systems. Qualifying grid-interconnected systems must comply with Delmarva Power's, Technical Considerations Covering Parallel Operations of Customer Owned Generation of Less than 1 Megawatt and Interconnected with the Delmarva Power System.

Qualifying inverters must be certified by a nationally recognized testing laboratory for safe operation and certified as meeting the Underwriters Laboratory Standards 1741-1999, Standard for Static Inverters and Charge Controllers for Use in Photovoltaic Power Systems. All qualifying systems must be installed in accordance with the standards and specification of the manufacturers of the components and in compliance with all applicable electrical, plumbing and building codes.

4. Will my system have a warranty? Who provides the warranty?

All qualifying systems must have a warranty for protection of the integrity and performance of the components for at least 5 years. The installation contractor provides the warranty. The installation contractor shall include the warranty documents with the systems operating and owner's manual.

5. What system components do not qualify for the grant?

Any used or previously installed components are ineligible for the Green Energy Program grant and must be subtracted from the system cost prior to calculating the grant.

6. What components of a turbine qualify for a grant?

New and previously unused, including the wind turbine-generator assembly, tower, tower foundation, other support structure components, wiring, inverters, and utility interconnection equipment all qualify for the Green Energy Program grant.

7. What other costs qualify for the grant?

In addition to the system components listed above, the labor costs for the installation of the components, and the cost of required permits and fees for the construction and/or installation of a qualifying system qualify for the Green Energy Program grant. For commercial installations only, the engineering costs associated with the system that do not exceed 10% of the total cost of the system are also eligible for the grant.

8. My system qualified for a special grant from another source. Will this affect the Green Energy Program grant calculation?

Yes. All other incentives associated with the project such as grants, rebates, buy downs, cost sharing or any similar form of financial support (other than the federal tax credit) must be subtracted from the total system cost prior to calculating the grant.

9. The Green Energy Program grant is 50% of the eligible qualifying system costs. Is there a maximum grant amount?

Each Green Energy Program may have a different maximum grant amount. The Green Energy Program grant for Wind Turbine Electric systems is 50% of the total eligible system costs. Please make sure to print out a copy of the Grant Limit Fact sheet from the website for further details.

10. For more information contact: Scott Lynch (302) 735 -3480 or email Scott.Lynch@state.de.us